WaterBox Model B

Automatic Irrigation Pumping System

WATERBOX POWERED BY GRUNDFOS

APPLICATIONS

Automatic pumping system for medium sized turf and landscape irrigation systems





WaterBox Model B Pumping System

Why choose The WaterBox **Model B** Pumping System?

GRUNDFOS 🕅 Horizontal Multi-Stage Centrifugal Pump

- Stainless steel impellers and volute case
- Inlet & Discharge are cast iron
- Corrosion & Wear resisitant
- High efficiency
- Quiet operation
- Ease of service

GRUNDFOS X Totally Enclosed Fan Cooled (TEFC) Electric Motor

- · Sealed and greased for life motor bearings
- Over-sized drive bearing
- Quiet running

YASKAWA iQPump Micro Drive

- Auto Start on Pressure Drop
- Surge-free starting allows for slow pipe fill upon start-up
- VFD fault shutdown
- Auto restart
- Surge Protection
- Motor overload protection
- Low Pressure shut down
- High pressure shut down
- Loss of prime protection
- Optional 24VAC remote start

Marine Grade Aluminum Powder Coated Enclosure

- Low profile/compact design
- Large door opening with locking tab
- Internal power switch disconnect

Overall

- All hydaulic parts are stainless steel
- Turn key installation
- Easy to service

WaterBox Model B Automatic Irrigation Pumping System

MODEL B ELECTRICAL DATA

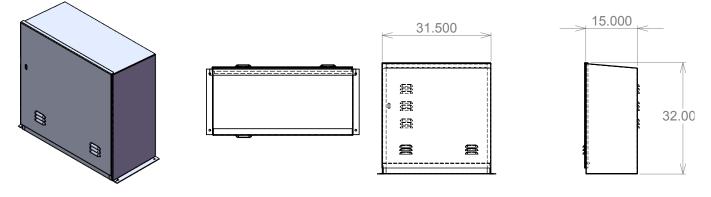
Pump/Motor	
Speed	3500rpm
Supply Voltage	220V ±10%
Supply frequency	60Hz
Enclosure class	IP55
Insulation class	Class F
Yaskawa iQPump VFD	
Voltage	240V+_10%
Phase	Single
Hz	60
IP rating	56
Maximum load current	10A
Maximum motor size @ 240V input	1.8kW
Surge protection	Varistor

GENERAL SPECIFICATIONS

- 75 GPM @ 65PSI
- 7' Suction Lift
- 230VAC, Single Phase, 60HZ
- 30amp Switched Disconnect
- Marine Grade Aluminum Powder Coated Enclosure
- YASKAWA iQPump Controller
- **GRUNDFOS** TEFC Motor
- Stainless Steel Manifold

ADDITIONAL FEATURES

- Ships in 1 week or less
- Factory tested prior to shipment
- 2 year Bumper-To-Bumper Warranty

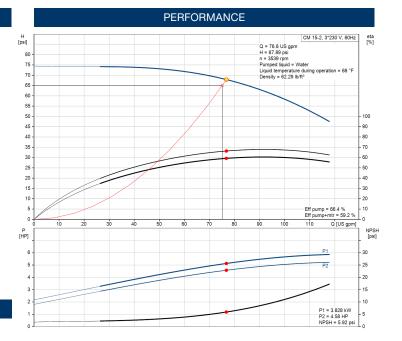


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WATERBOX POWERED BY GRUNDFOS

MODEL B MATERIALS OF CONSTRUCTION

Part	Material	
Casing	Cast Iron	
Impellers	304 stainless steel	
Stages (casing)	304 stainless steel	
Pump shaft	316L stainless steel	
Stage centring device	304 stainless steel	
Mechanical seal	Carbon/ceramic	
O-rings	EPDM	
Plugs	316L stainless steel	
Motor shell & lantern bracket	Aluminium with baked powder coat finish	
Motor feet	Aluminum	
Pump Plate	HDPE	
Enclosure/cabinet	Aluminum with Sandstone Powder coat finish	
Manifold/piping	304 Stainless steel	



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